

0108-354 US-1
Amendment dated 04/23/2012

10/798,845

03100199aa
Reply to office action mailed 12/21/2011

The following is a complete listing of all claims in the application, with an indication of the status of each:

Listing of claims:

- 1 1. (previously presented) An orthopedic aid which is used by a patient for
2 walking and which provides a supporting function for the human body,
3 comprising:
4 two parts which are rotatable relative to one another;
5 a locking device for locking the two parts in an extended position so
6 that a rotation of the two parts relative to one another is blocked during
7 standing and walking and for manually unlocking the two parts to permit
8 rotation of the two parts with respect to one another in a rest position,
9 wherein said locking device is operable by a user of the
10 orthopedic aid;
11 means for automatically detecting locking of said locking device; and
12 a signaling arrangement which emits a signal, responsive to said
13 means for automatically detecting said locking, for alerting the user of the
14 orthopedic aid that the locking of said locking device has taken place.
- 1 2. (canceled)
- 1 3. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the signaling arrangement emits a signal upon unlocking.
- 1 4. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 said signaling arrangement provides a signal which is visual, acoustic, tactile
3 and/or mechanical.

1 5. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 said means for detecting includes a detection arrangement designed to
3 generate the signal electrically as a function of the locking state.

1 6. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the locking device has a movable locking pin whose position is detected by
3 the means for detecting.

1 7. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the locking device is actuated electromechanically to permit unlocking.

1 8. (previously presented) The orthopedic aid as claimed in claim 6, wherein
2 the movable locking pin is arranged such that it can be drawn into a magnet
3 coil to permit unlocking.

1 9. (previously presented) The orthopedic aid as claimed in claim 6, wherein
2 the detection arrangement is designed for electrical scanning of a position of
3 the locking pin.

1 10. (previously presented) The orthopedic aid as claimed in claim 1 further
2 comprising an electromagnetic actuating arrangement with a low actuating
3 force of not more than 2 N, wherein the locking device, when in the extended
4 position, has a slight play, allowing a freedom of movement of the locking
5 mechanism in the loading pertaining to the extended position, whereas, in the
6 event of a load exerting a turning moment on the locking device, the locking
7 device cannot be unlocked by the actuating arrangement on account of
8 frictional forces.

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1 11. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the locking device is actuated by wireless transmission of an actuating signal.

3 12. (previously presented) The orthopedic aid as claimed in claim 11,
4 wherein an actuating signal for wireless transmission of a command signal is
5 triggered on a handgrip of a walking aid.

1 13. (previously presented) The orthopedic aid as claimed in claim 11,
2 wherein the signal of the signaling arrangement is sent by wireless
3 transmission to a walking aid.

1 14. (previously presented) The orthopedic aid as claimed in claim 13,
2 wherein the walking aid has a visual and/or acoustic signal display
3 arrangement.

1 15. (previously presented) The orthopedic aid as claimed in claim 13,
2 wherein a handgrip of the walking aid is provided with a vibrator that can be
3 actuated by the signal of the signaling arrangement.

1 16. (previously presented) An orthopedic aid which is used by a patient for
2 walking and which provides a supporting function for the human body,
3 comprising:
4 two parts which are rotatable relative to one another;
5 a locking device for locking the two parts in an extended position so
6 that a rotation of the two parts is blocked during standing and walking and for
7 manually unlocking the two parts to permit rotation of the two parts with
8 respect to one another in a rest position, wherein said locking device is
9 operable by a user of the orthopedic aid;

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10 means for automatically detecting the locking state of said locking
11 device; and
12 a signaling arrangement which emits a signal, responsive to said
13 means for automatically detecting the locking state, upon unlocking as a
14 warning signal in the event of inadvertent unlocking of the locking device.

1 17. (previously presented) An orthopedic aid as in claim 1, further
2 comprising a safety function for operation of the supporting function, wherein
3 said signal confirms an observation by the user that the orthopedic aid is
4 locked.

1 18. (previously presented) An orthopedic aid as in claim 16, further
2 comprising a safety function for operation of the supporting function, wherein
3 said signal contradicts an observation by the user that the orthopedic aid is
4 locked.